



# APEX® 1523-68-N-00

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

| General              |                                                                                                                                                                                                                                      |                                                                       |                                   |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |                                                                       |                                   |
| Availability         | • Africa & Middle East<br>• Asia Pacific                                                                                                                                                                                             | • Latin America<br>• North America                                    |                                   |
| Features             | • Chemical Resistant<br>• Fungus Resistant<br>• Good Tear Strength                                                                                                                                                                   | • Good Tensile Strength<br>• Good Weather Resistance<br>• Low Fogging | • Plasticized<br>• UV Stabilized  |
| Uses                 | • Automotive Applications                                                                                                                                                                                                            | • Automotive Exterior Parts                                           | • Automotive Window Encapsulation |
| Regulatory Statement | • Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS. |                                                                       |                                   |
| Forms                | • Pellets                                                                                                                                                                                                                            |                                                                       |                                   |
| Processing Method    | • Injection Molding                                                                                                                                                                                                                  |                                                                       |                                   |

## ASTM & ISO Properties <sup>1</sup>

| Physical                                              | Nominal Value | Unit | Test Method |
|-------------------------------------------------------|---------------|------|-------------|
| Density / Specific Gravity                            | 1.25          |      | ASTM D792   |
| Mechanical                                            | Nominal Value | Unit | Test Method |
| Tensile Strength (Break)                              | 1740          | psi  | ASTM D638   |
| Tensile Elongation (Break)                            | 350           | %    | ASTM D638   |
| Hardness                                              | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec, Operating Stand) | 67            |      | ASTM D2240  |

## Additional Information

Data Sheet Applies to Color(s) Listed Below:

Natural (1129034)  
Black 1 (1129057)  
Black 431 (1142004)  
Black 477 (1146256)  
Black 590 (1136074)  
Black 672 (1136994)  
Black 811 (1002573)

10/2024-dmm-updated  
09/2023-dmm-updated  
02/2023-dmm-updated.  
07/2020-dmm

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.